

Title (en)
DECROSSLINKED POLYOLEFIN RESIN, AND RESIN COMPOSITION COMPRISING SAME

Title (de)
UNVERNETZTES POLYOLEFINHARZ UND HARZZUSAMMENSETZUNG DAMIT

Title (fr)
RÉSINE DE POLYOLÉFINE DÉRÉTICULÉE ET COMPOSITION DE RÉSINE LA CONTENANT

Publication
EP 4053169 A4 20231115 (EN)

Application
EP 20881408 A 20200820

Priority
• KR 20190134365 A 20191028
• KR 2020011076 W 20200820

Abstract (en)
[origin: EP4053169A1] Provided is a decrosslinked polyolefin resin recycled after crosslinking, and a resin composition including the same. Specifically, the present invention relates to a recycled decrosslinked polyolefin resin that is excellent in terms of mechanical properties, processability, a shrinkage rate, flame retardancy, etc., and a resin composition including the same.

IPC 8 full level
C08F 10/02 (2006.01); **C08F 8/00** (2006.01); **C08F 8/50** (2006.01); **C08J 11/10** (2006.01); **C08K 3/016** (2018.01); **C08K 3/22** (2006.01); **C08K 3/26** (2006.01); **C08L 23/06** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP KR)
C08F 8/00 (2013.01 - KR); **C08F 8/50** (2013.01 - EP); **C08F 10/02** (2013.01 - EP KR); **C08J 11/10** (2013.01 - KR); **C08K 3/016** (2018.01 - KR); **C08K 3/22** (2013.01 - KR); **C08K 3/26** (2013.01 - KR); **C08L 23/06** (2013.01 - EP); **C08J 11/10** (2013.01 - EP); **C08L 2205/025** (2013.01 - EP); **Y02W 30/62** (2015.05 - EP)

C-Set (source: EP)
1. **C08F 8/50 + C08F 10/02**
2. **C08F 10/02 + C08F 2500/04**
3. **C08L 23/06 + C08L 23/06 + C08L 23/06**

Citation (search report)
• [X] WO 2016163765 A1 20161013 - LS CABLE & SYSTEM LTD [KR]
• [X] JP 2003026854 A 20030129 - HITACHI CABLE
• [X] JP 2002187976 A 20020705 - NAT INST OF ADV IND & TECHNOL, et al
• See also references of WO 2021085819A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 4053169 A1 20220907; EP 4053169 A4 20231115; KR 102151359 B1 20200902; WO 2021085819 A1 20210506

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